

RESULTS 2001
RULES 2002



WAEDC

EUROPEAN DX-CONTEST

WAG

WORKED ALL GERMANY CONTEST



The crew of 3G4DX put on the air a semi-rare multiplier on all bands in the SSB contest



South America winner in the Single Operator category both on SSB and RTTY: Wanderley, PY2MNL. He operated as ZX2B (right)

DARC Referat für DX und HF-Funksport
Compiled by DL6RAI



Produced by DARC Verlag



European DX Contest (WAEDC)

Bernhard Büttner, DL6RAI

The Deutscher Amateur Radio Club (DARC) invites radio amateurs world wide to participate in the annual WAE-DX-Contest.

1. Times:

CW: August, second full weekend
Saturday, August 10, 2002, 0000 UTC until Sunday, August 11, 2002, 2359 UTC
SSB: September, second full weekend
Saturday, September 14, 2002, 0000 UTC until Sunday, September 15, 2002, 2359 UTC
RTTY: November, second full weekend
Saturday, November 9, 2002, 0000 UTC until Sunday, November 10, 2002, 2359 UTC

2. Bands: 3.5 - 7 - 14 - 21 - 28 MHz

According to IARU Region 1 regulations, operation is not allowed in the following contest-free windows:
CW: 3550-3800; 14060-14350 kHz
SSB: 3650-3700; 14100-14125; 14300-14350 kHz

3. Categories:

- a) Single Operator - max. output 100 watts - all bands.
Only one signal permitted at any time.
 - b) Single Operator - output higher than 100 watts - all bands.
Only one signal permitted at any time.
 - c) Multi Operator - Band changes are allowed every ten minutes; this also includes QTC traffic.
Exception: working of a multiplier.
Other transmitters may be used in parallel to the main station to work multipliers on other bands (note: this means, several signals may be on the air on different bands at the same time).
 - d) SWL (see part 12)
- The use of DX spotting nets is allowed in all categories. Single Operator stations which claim to not use spotting nets will be marked with the special symbol „-“ in the final results.

4. Off Times:

Single Operator stations may only operate 36 out of the 48 hour contest period.
The total of 12 hours off time may be taken in one part but not more than three parts. The off times must be shown on the summary sheet.

5. Exchange:

A contest QSO can only be conducted between a European and a non-European station (exception: RTTY). The exchange consists of RS/RST and a progressive serial number starting with 001. If the station worked does not send a serial number, log the contact with number 000. Each station can be credited only once per band.

6. Multiplier:

For non-European stations the multiplier is the number of countries defined in the WAE Country List (see below) worked per band.
For European stations every non-European DXCC entity counts as a multiplier. Exception: In the following countries up to ten call areas count as multipliers: W, VE, VK, ZL, ZS, JA, PY and RA8/RA9 and RA0 - without respect to the geographic location.
Examples: W1, K1, KA1 and K3./1 count as W1; VE1, VO1 and VY1 count as VE1; JR4, 7M4 und 7K4 count as JA4; ZL2 and ZL6 are two different multipliers.
Multiplier bonus: Country multiplier points are "weighted" by band. Multiply the number of countries worked on 3.5 MHz by four, on 7 MHz by three, and on 14/21/28 MHz by two. The total multiplier is the sum of the weighted multiplier points of all bands.

7. QTC Traffic:

Additional points can be achieved by QTCs. A QTC is the report of a contest QSO back to a European station (exception: RTTY, see part 13).
The following rules apply:
a) A QTC contains time, call sign and serial number of the reported QSO. Example: "1307/DA1AA/431" means that DA1AA was worked at 1307 UTC and sent serial number 431.
b) Each QSO may only be reported once as a QTC. The QTC may not be reported back to the original station.
c) Every QTC that was correctly transferred, counts one point for the sender and one point for the receiver.
d) Two stations may exchange up to 10 QTCs maximum. The two stations may establish contact several times to complete the quota.
e) QTCs are transferred by means of QTC series. A QTC series is a block of one (minimum) to ten (maximum) QTCs. QTC series are numbered using the following scheme: The first figure is the progressive serial number starting with one; the second figure denotes the number of QTCs in the series. Example: "QTC 3/7" means this is the third QTC series transmitted by this station and it contains seven QTCs.
f) For every QTC series that is transmitted or received, the QTC number, time and frequency band of the QTC transmission must be logged. If any of this data is missing from your log, no credit will be given for this QTC series.

8. Scoring:

The final score is the result of total QSOs plus QTCs on all bands multiplied by the sum of all multipliers weighted by the band bonus factor (see part 6).

9. Disqualification:

Violation of the rules of the contest or unsportsmanlike conduct will be deemed sufficient cause for disqualification.

10. Logs:

General notes: All stations are asked to submit an electronic log. All stations claiming a final score of more than 100,000 points must submit an electronic log. Stations that do not wish to be listed in the final results are kindly asked to submit their log as a check log.
All times must be in UTC.

Electronic Logs: All computer-generated "electronic logs" should be submitted as a file either by E-Mail or on disk. The log must be in ASCII format. All QSOs must be in chronological sequence and should indicate multipliers and QSO points. QTC series and contents may either be included in the same file or can be in a separate file. Additionally, a summary sheet in a separate file should contain participation information (category, final score, comments, mailing address, DOK and club affiliation).
The files should be named after the participant's call sign, so for example DL6RAIALL, DL6RAIQLG and DL6RAISUM. Example file names for some of the standard contest software:

QSO Log	QTC Log	Summary
CT	.all	.qlg sum
TR	.dat	.qtc sum

By submitting an electronic log, the participant claims to fully accept the rules of the contest. A written declaration is not necessary.

Hand-written logs: Please use the official WAEDC log forms and summary sheets. These sheets are available on the WAEDC Web site or can be requested by sending an SAE to the contest manager. The logs are to be organized in chronological order. If more than 100 QSOs are made on a band, a call sign check list is requested. Duplicate QSOs must be marked.

QTCs may either be logged directly on the log sheets or on a separate sheet. The log must include a signed summary sheet and check lists for QTCs and multipliers.

11. Club Competition:

The club score is calculated by adding the final results of all participating club members in all three WAE contests, excluding SWLs. The club name has to be indicated on the summary sheet for the log to be counted. The club must not be an official national amateur radio club. Participating club members must live within an area of a circle with a maximum of 500 km (312 miles) diameter. For a club to be listed, a minimum of three logs must be submitted.
A trophy is sponsored for the top DX (non-EU) and the top EU clubs.

12. Special Rules for SWLs:

SWLs record stations working in the WAEDC. Participation is only possible as a single operator all bands. Every call sign heard - European or non-European station - may be credited only once per band. Both call signs of a contest QSO have to be recorded.
Each station that is logged including the serial number that was sent by that station, counts one point. Every complete QTC which includes all QTC series information (up to a maximum of 10 per station) also counts one point.
Multipliers are counted according to the criteria indicated in part 6, but both European and non-European multipliers are counted. A call sign can only be counted as a multiplier, if the serial number it sent was recorded. In the best case, for a completely recorded QSO, two points and two multipliers can be credited.

13. Special Rules for RTTY:

In the RTTY portion of the WAEDC there are no continental limits; everybody can work everybody. Only QTC traffic must be performed between different continents. Every station may send and receive QTCs. The sum of QTCs exchanged between two stations (sent plus received) must not exceed ten. The European and non-European multipliers indicated in part 6 count for all stations.

14. Log Deadline:

CW: September 15; SSB: October 15; RTTY: December 15, 2002.

Criteria for WAEDC Awards and Plaques

Continental winners will receive a plaque. Country winners in all categories receive an award if they fulfill the following conditions:
The minimum conditions are 100 QSOs or 10,000 points in connection with at least one additional condition:

1. for awards:

- a) Continental winner
- b) Member of the Top-Ten/Top-Six (multi operator) list.
- c) Country winner
- d) Regional winner in one of the countries which count by call areas
- e) at least half of the score of the respective continental winner
- f) at least 100,000 points

2. for plaques:

- a) Continental winner
- b) Stations who activate a WAE country for the WAEDC from where no log was received over the last three years will receive a special plaque. For 2002 these countries: 1AO, 3A, 4U11, 9H, C3, CU, GD, GJ, GM/S, HV, JW/B, JX, QJO, R1F, R1M, SV/A, SV5, SV9, TK, ZA.
- c) Stations who have been into the Top-Ten/Top-Six list for at least five times can apply for a special plaque.
- d) The WAEDC committee reserves the right to honor special contest activities with additional plaques.

Mailing Address:

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WAE Country List: 1AO - 3A - 4U11 - 4U1V - 9A - 9H - C3 - CT - CU - DL - EA - EA6 - EI - ER - ES - EU - F - G - GD - GI - GJ - GM - GM/s - GU - GW - HA - HB - HBO - HV - I - IS - IT - JW - JW/b - JX - LA - LX - LY - LZ - OE - OH - OHO - OJO - OK - OM - ON - OY - OZ - PA - R1F - R1M - RA - RA2 - S5 - SM - SP - SV/A - SV - SV5 - SV9 - T7 - T9 - TA1 - TF - TK - UR - YL - YO - YU - Z3 - ZA - ZB

WAE DX Contest 2001

On October 13, 2001 Herbert Ade-Thurow, DL2DN retired as the WAE-DX-Contest Manager. Thank you for your dedication and continuous work over the last 16 years, Herbert!

Quickly, a new team was formed to work out the results of the WAEDC 2001 contests and fortunately, a lot of volunteers stepped forward, both old and young members of the WAEDC log checking team. A lot of work went into the log checking. The results are now in your hands!

Statistics

671 logs from 72 countries (33 DX, 39 EU) were received for the CW Contest 2001 with a total of 252,012 QSOs and 266,502 QTCs reported in these logs. On SSB, 619 logs were received from 79 countries (37 DX, 42 EU), reporting a total of 202,126 QSOs and 196,722 QTCs. Finally, for RTTY 287 logs were received from 56 countries (19 DX, 37 EU) containing 96,808 QSOs and 66,996 QTCs. For the three contests, a total of 668 awards and 42 plaques have been shipped.

Although not an all-time high, the number of logs reflects the high activity that has been observed over the past decades, quite proportional to the sun spot numbers.

Out of the 1577 total logs, 1251 are electronic logs, 263 are hand written logs and 63 are computer printouts. Of the 1577 logs, the overwhelming majority, 1279, are Single Op entries (649 low power, 518 high power). There were 151 Multi Op entries, 31 SWL entries and 116 Check Logs.



Fernando, EA8AK, offered his fine station to Toby, DH1TW who worked his way up to the top spot Single Op SSB

History

The most interesting comment came from Bruno, DL1EV, who had made the following comments on his summary sheet: „I found my SWL log from DJDC 1936 the other day. DJDC was the ancestor of the WAEDC contest. Back then, I had no problems with blood pressure when taking QTCs.“

Yes it's true! The whole idea of QTCs was developed back then, when the DASD came up with its own first international contest commemorating the Olympic Games 1936 in Berlin. The DJDC went over five weekends in August 1936 (a 240 hours total - compare that with today's discussion about 24 vs. 48 hours!). 758 logs from amateurs in 61 countries were received, including 57 from VK/ZL, 178 from the US, 26 from Canada. The top scorer, D4ARR, made 922 QSOs and received 1314 QTCs. Compare that to nowadays submissions and scores!

Now back to the 2001 Contest!

CW

Zoli, HA1AG took top honors over LY5A (Op. LY2PX) and Lothar, DL3TD, even though Zoli had bad luck right at the beginning when lightning struck the nearby transformer station. Maybe it was a good idea to start late in the contest. In the non-EU division, Ivo, 9A3A, at C4A, keyed his way up to the top, leaving H2G (aka 5B4AGC) and N2NC behind. However, H2G just ran 100 watts!

Let's take a look at the low power competition, who will be happy to find their own category in 2002. H2G, ZC4DW, 9K9O, RX9FB, FR5FD, RW9QA, RN9RZ, CO8ZZ, CX9AU and RX9JW are the unofficial Low Power Top Ten outside Europe, while in Europe the list looks as follows: SP9XCN, UZ7U, OK1HX, YZ1SG, UA4FER, YL5W, HA1CW, 9A7P, DL3DTH and RZ4FA.

In the Multi Op category RU1A, DL2NBU and UU7J fought it out again. Scores were very close with the St. Petersburg group keeping an advantage of 0.2 per cent over the 'NBU group when the log processing was over. The non-EU competition was won by the three JA OPs at JY8TE with a respectful 20% margin over the competition. They edged out KC1XX from New England who suffered badly from the summer propagation on the Northern hemisphere and ZW5B from Curitiba/South Brazil who has a long way into Europe in the low bands.

Top EU-SWL was Radmila YU1GR, Top DX-SWL was Serge, RUØST.

SSB

Congratulations to Timo, OH1NOA, for winning the top spot Europe as OG1F. He was closely followed by Andy, LY2TA at LY7Z and Sam, LY4AA. WAEDC seems to be very popular in Lithuania! Five out of ten in the top ten come from LY! Keep up the good activity! On the non-EU side, EA8 was the place to be. DH1TW at EA8AK and EA8/OH2BYS fought it out, with Toby ending up with a definite advantage over Mauri, OH2BYS. Third is perennial competitor Yuri, UA9AM.

ZX2B, PY1NX, 4X6DK, FR5FD, PY2WC, 9M2TO, RW9AB, A45WD, ZC4BS and HK3JJH make up the unofficial Low Power Top Ten list from outside Europe. Inside Europe, we start with Z36W, DL5MAE, UA4SKW, DL7MAE, OK1DRQ, DL1DAW, YL5W, UA3LHL, DL6UAA and LY1DT. Congratulations for your dedication, as SSB is especially tough with low power.

The Multi Op category this time was definitely owned by Germany: Five out of six competitors were German groups, only HG6N made an exception. DFØHQ, DK2OY and DFØCG fought for the first place Europe in a tough competition. When the dust settled, DFØHQ dominated both 'OY and 'CG. On the DX side, first place goes to Madeira, CQ9K, followed by the two South Brazilian teams ZX5J and ZW5B. You may wonder what happened to EA9LS and 5B4/R3CC, who were actually leading the M/S pack in the clai-



Wojtek, SP9HWN, operated as a Single Op in the CW contest

med scores listing. Unfortunately, both teams failed to send in their QTCs and even after several tries nothing revealed. So the 5B4 team asked to be placed into the Check Log category and EA9LS shows up with 0 QTCs although we all know that a lot of QTCs were sent from Cyprus and Ceuta. Bad luck!

Top EU-SWL on SSB was Vlad, UA3-17Ø-847. Top DX-SWL was Kustiyono, INS-99.

RTTY

Girts, YL2KL operating as YL8M, typed his way up to the top of Europe. YL8M, EO3Q (Op. UR3QCW) and DJ5JK are leading the top Ten Europe RTTY this time. On the non-EU side, a head-by-head race between K4GMH, AA5AU and CT9L (Op. DJ6QT) was run for the top spot. And see how close they came out! Only 3 per cent separate the places one and three. Mike, K4GMH edged out the competition and took world honors this time!

WD4GBW, CN8KD, HKØGU, W4UEF, W8HLY, YV5AAX, VE3BUC, WX4TM, KF2XF and W1TO represent the unofficial Low Power Top Ten list from non-EU, while YU7AM, RA3WA, ON4AME, LZ1ZM, Z31MM, ES1QV, DL4MFP, YLØA, SM6BSK and YL2GC find themselves in the EU Top Ten Low Power.

UT9F, RZ3Q and RI4M came out top EU Multi Op this time, with UT9F clearly showing the way to go. With their incredibly high Mult and QTC total they left the competition in the dust. It seems like it pays having a short call-sign on RTTY. RW9C also edged out their close competition RK9CZO, while K4WW came in third (but actually last). There was no further competition outside Europe. Top EU-SWL on RTTY was Ratko, YU1RS5ØØ. Top DX-SWL was VE3UWC who was forced to enter the SWL category due to transmitter problems shortly before the contest.

(continued to page 9)



The team of DFØHQ. Front row: DL5ANT, DL4ALB, DL5YY. Back row: DL1AUZ, DL5AXX, DL3TD

G3UFY, HA3OU, KF0U, LA1YE, LY1CT, LY2BNL, LZ1CW, LZ1JZ, LZ1QZ, LZ4UW, OE500786, OK1DSU, OK2PKY, PA3BFH, PA3'CLQ, RA3WDK, RK1B/P, RK6LP, RK9AD, RK9KWB, RN2FA, SM0CSX, SM6BSK, SM6DUA, SP2HMT, SP4IGV, SP6CES, SP8FFJ, SP8JMA, SQ2AJI, UA3AGW, UA3AVR, UA4ARL, UY7C, WA00TV, YO2DFA, YO3BWK, YO9FYP

Soapbox Comments

9A7P: TU for excellent contest as always. CU next year and I hope with serious effort. **9M2JI:** Many stations asked me to QSY... I confused and break 10 min rule. But happy to work many stations on 40 m! **4CA:** Poor condx last two hours prevented me in breaking JY8WA record, but I'll keep trying. Jumping from band to band with SO2R much easier. **CX9AU:** On 80 listened around 20 EU stations, but not lisent me except DL3TD and RU1A, this one the biggest signal. **DF0DC:** Warum das Programm die ersten 10 QTC nicht bearbeitet, weiß ich nicht. Da ich im Termnstress bin, verzichte ich auch ohne Murren auf die fehlenden Punkte. **DF0SX:** Super contest as usual; power increase from 100 W to 400 W doubles number of QSOs and QTCs comparing with 1999. **DF2IY:** Thanks to everybody for copying my, as I was operating with 10 W output and on an indoor dipole. **DH2URF:** Leider nur sehr einfacher Rx. Sehr guter Contest für CW-Arbeit. **DJ5BV:** Leider sind durch ein defektes Tonbandgerät (Aussetzfehler) 180 QTCs auf der Strecke geblieben. **DJ7ST:** My first home-call entry after many OH0-holiday participations. Nevertheless: familiar feelings! **DK0MV:** E <= 3 V/m. Erste WAE Teilnahme. **DK3BN:** Hatte leider wenig Zeit bei meiner 31. Teilnahme am WAEDC, dem schönsten Contest überhaupt in CW. **DK3GI:** I apologize for making some DX-Stations violate the rules and give me a multiplier within their 10 min window. **DK4CU:** 3 W out, GP + Delta Loop. **DL0XM:** Fielddaystyle WAE, 24 h Aufbau, 48 h Funken, 24 h Abbau gibt's dafür eine eigene Kategorie? **DL1BUG:** Good condx, good activity - first time more than 100 000 points. **DL1EV:** Mir fiel mein SWL-Log vom DJDC 1936, dem Vorläufer des WAEDC, in die Hände. Zu jener Zeit hatte man noch keine Blutdruckprobleme beim Aufnehmen von QTCs. Übrigens meldeten damals die nichtdeutschen Europäer ihre DX-Verbindungen auch als QTC nach Deutschland. **DL1FAA:** QW4 wertet DS (Korea) als DL (Deutschland) Multi ändert das aber nicht. **DL2RL:** Es ist immer wieder eine Herausforderung mit den QTCs und dem Computer. **DL3DTH:** Good condx, only 10 m was difficult with 100 W and vertical. This condx were probably the compensation for the last year. **DL4HG:** Leider war 10 m wieder sehr ruhig. **DL4JU:** My first WAE Contest! Thanks for enjoy - it was wonderful. See you in next year. **DL5AKF:** ca. 1,3 m GP am Balkon, hi! **DL5KUD:** Meine erste Teilnahme an diesem interessanten Contest. Bis auf das QRN auf 80 m hat es richtig Spaß gemacht. QTCs sammeln (ohne Richtantennen) ist doch schon eher eine Herausforderung als ENNA4. **DL6MHW:** Some problems with wet koax and moving SWR made the decision to renew every coax part of the quad antenna. The goal of 100 K points was reachable beside some other weekend activities. **DL7VZF:** Das QW wollte KL9 nicht als Alaska akzeptieren - musste et was tricksen, hi. **DL7YS:** QTCs mit QW, mit is fun. **DL8FP:** Condx vy good on all bands! **DL8WX:** Interesting openings on 10 m, extremely loud signals on 40 m, one of the best contest condx since three decades. Interesting to hear one RT9 station is in Europe, another RT9 is in Asia ... **DL9AWI:** Bei N2NC sind mir leider vier QTC verloren gegangen. Habe

mir schon 12 QTCs abgezogen. **EA2CR:** 50 years in ARS licencia 1950 contiuous. FB european contest. **EA5FID:** See you next year. **EM3J:** Nice contest! See you again! **73! ES4MM:** tnx for nice Contest! **73 to all friends!** Hpe cuagn in next WA-EDX contest. **G0WHO:** Great fun, but the QTC exchange demands concentration. **G3RSD:** Propagation better this year, most enjoyable **G3TXF:** Long live QTCs. They really are fun! **G3UFY:** My logging program crashed and I lost all my QTC data. Please treat this as a checklog. Vy 73 until next year. **G3ZRJ:** VR2 and NH2 were unexpected bonuses in less than great conditions. Generally high standard of operating this year, very few rough signals. Thank you to all who organised another great WAE, your efforts are greatly appreciated. **G4OGB:** QTCs - had trouble with recorder system. Don't blame the senders! **GW7X:** Where can I learn to type! **H2G:** Bad condx on LF this year QRN on 80 m very bad here. **HA1AG:** I lost the first 7 hours due to blackout caused by a direct lightning hit on the transformer station. It took lots of mental energy to start the contest at 0648 at all. For me the WAE CW is the contest ... Managed to get 5 band QSO with CO8ZZ, EX8W, H2G, HS0AC, J38PA, JE4VVM, JY8TE, K2NG, K5KG, KC1XX, XL3UZ, ZC4DW, ZW5B. Big thanks! I could not get the number of ZL6QH on 80 m, who called me but I had no chance due to jamming. **CX9AU** was OK on 80 m but could not hear me. **HB9AYZ:** Schön, dass es auch mit QRP klappt! **IIQGZ:** My contest is little: I am 79 years old, hi! **I3FDZ:** Les than 24 hours of operations this year, not enough to reach the top ten, hi! **IR2V:** Not a serious effort, but wanted to be there. **IS0IGV:** Very good contest. Propagations negative on 10 m bands. At next time! **J38PA:** We enjoyed this contest very much. A pity that we had for a very long time a lot of local QRM (S⁹) on all bands. Otherwise we could make a few hundreds of QSOs more. **J41YM:** I had to fight with EU stations which thought that I am JA or some rare DX. **JA3YPL:** I hope you tell me how many QTCs you need, when you ask me for QTCs. With my logging software, I cannot check in realtime how many QTCs are rest. **JA9CWJ:** My favourite contest. I enjoyed it very much, but 28 MHz were poor condx. **JE3UHV:** I have enjoyed the contest and I am stified with my score. I regret that I could not hear EU station on 3,5 MHz and 28 MHz in my poor antenna. Thank you. I am looking forward to the next contest, good condx. **JG3VEI:** Very good condx for 15 m and 20 m. I enjoyed to work many EU stations. **JH7QNG:** 70 years old. **JK2VOC:** Thanks for WAE contest! Very good conditions. **JN7OJA:** This is my favourite contest! QTC rule is fun! **JP1SRG:** 10 m band was poor but I could achieve my best score in this contest, hi! **JW/DJ3KR:** Even this singular multiplier JW did not help me to create the common pile-ups, I am used to when operating from Svalbard. In contest the European big guns are strongly overriding such a rare multiplier. The only way then was for me to search for DX, multipliers and QTCs. 7 MHz and 3,5 MHz were not useable since midnight sun still prevents use of these lower bands at high latitudes. 28 MHz was only open for less than 1 hour into east coast US. **K0VSV:** My computer failed to write the QTC log correctly so I can only claim the actual QSOs. I did QTC 220 QSOs but have no proof to send. **K1ZZ/VY2:** By the time we arrived at our rented vacation cottage on the beach, the contest was almost half over. It is always fun to work operators who can copy 10 QRQ QTC from a station running 100 W to a vertical! **K2NV:** Great Contest. Also had some QSOs from K2NV/VE3 while sailing Lake On **K4JA:** Almost a million! **K5KG:** DARC needs to get more support for this contest

in the USA. It needs to be on a par with the ARRL DX Contest in terms of participation by US stations to create more activity for the European stations. Top scoring European stations need to be making more QSO's than the US stations! **K6III:** Fun Contest. **KE9I:** Excellent contest! See you again next year. **KF0U:** First Time I work WAE with my log program. Made a few mistakes with my numbering. **KJ9C/M:** South Carolina: In driveway KJ9C/4. On road KJ9C/M. North Carolina QSO #37 G3ZRJ. Tennessee QSO #46 YT6A. Kentucky QSO #49 DL0SLZ. Computer died before Cincinnati. PC got carsick. **KQ3F:** Comments: My favorite contest, and conditions were much better than 2000! **KW4DA:** 10 dead, 15 Hot, 20 not. Overall a good contest, got a late start. **LA7MFA:** I still do not dare to use CT to log QTC traffic, it is not fast enough. Hopefully I will practice and try this next year. I spent too much time on punching the QTCs after the contest, and I am sure this introduced many errors. **LU1DZ:** Very nice contest, it is the best because it is always testing the operator skill. Was a pleasure to work the very good european CW operators! **LU1EWL:** Best score since 1981. **LY2IJ:** Thanks to LY1FZ for letting to use his QTH. **LY2OX:** Just wanted to register in this contest for my colleagues not to forget my call. But it was useful as I tried to learn copying QTCs straight into keyboard. It was very hard at the beginning and I apologize some guys due to broken QTC's but later on I got a charm in this and less problems second part of the contest. Anyway I left for HB9 Sunday morning, so nothing to do... **N3RD:** Conditions were much improved this year as compared to 2000, which was a total disaster. Lightning storm passed right over the QTH at 23Z on the second day, causing a 30 min QRT. Great Fun and Great Contest. Thanks, DARC! **N4AF:** FB Contest - bad time of year. I would prefer that WAE contest not allow packet access to single operators. **N5PO:** Would be nice if stations did not call you and ask if QTC while you are running a freq ... Stations that are a dupe should not call. Lots of fun and many good operators ... Not very good band openings. Looking forward to next year. **N6AW:** Had to QRT early due to QRM from XYL! **N6ZZ:** Good conditions, especially on 15 m. Some thunderstorms in the area this weekend, QRN on the low bands. **N9RV:** Much better conditions than last year. Wish I had my 80 m antenna up and was in better shape to be a serious competitor. I am very thankful for the EU participation in major contests and am happy to participate in this one. **OH0/SM5AJV:** This was a part time effort during our usual expedition to OH0. The QTC traffic is really fun! **73 de Ingo, SM5AJV OH1F:** Finally an excellent propagation on CW! Unfortunately DX activity was quite low. More than doubled OH record. **OH6RC:** Good contest but insufficient multiplier stations. **OK1DRQ:** 73 and thanks for fb contest and hpe agn first place in OK land, hi **OK1FCA:** agn vy gd contest, despite of HVY QRN on 80 m and poor cdx on 10 m, I set my personal WAEDC record, see you next year. **OK1HX:** Condx very nice but QRN all the time on low bands. DX Cluster not used. **OK1MGW:** I worked in WAE more than 12 years, in 1999 I finished sake of total failure in calling DX and taking QTC. I try contest this year again and it was very good traffic! **OK1MNV:** Thanks for a good contest and cuagn next year. **OK2ABU:** Good contest. Very dear post taxes in OK for seniors, hi. **OK2SWD:** Very good contest and perfect DX operators. My age 63. I hope to meet you next year dear friends. **OK5SWL:** Very good contest and many stations. RZ3AZ had over 1200 QSOs. See you next year again friends. **OL4M:** Es gibt nur zwei Phänomene in der ganzen Welt, ohne welchen ich nicht le-

ben könnte: WAEDC und meine Frau. **OM2VL:** My first WAE Contest in SO Category. I taking part in this Contest some y ears ago as SWL OM3-27707. Thank you for the nice contest! **ON4XG:** Fine contest as usual. **ONL383:** Condx much better this year. KC1XX was back to his usual 599 on forty and not 449 like in 2000! See you in SSB and RTTY later. **OZ4FF:** Happy I also wrote QTC down in paper as the CT log program wouldn't print them out. **PA5TT:** Nice contest. Should have participated more hours. **PA9RZ:** 15 m on saturday: wauw! WAC in less than 12 hours running 4 W only! QTCs are too complicated; DXCC is what counts. **PJ2M:** One of my favorite contests. I usually don't work up a sweat during a contest, but there was no air conditioning! Thanks to everyone who moved for me ... **PP7CW:** Glad to participate again. It's a merry contest. Till next year. **PY2NY:** Best than never before, but using 400 W almost all time. Anyway, very fine to be there and hope to be better at WAE SSB. **PY2YU:** Great contest but big noise here. 95 % of time on 80 m I had S9⁺²⁵ QRM and the rest S9⁺¹⁰! On 40 m is the same! **PY4FG:** Thanks a lot for this excellent Contest! **RA0FU:** This was my first WAE contest. Had a good fun. **RA3XO:** Whiskey Alfa Echo run is not only for Big Guns Any Pistol can get pleasure Anyone can pleasure measure By receiving QTCs. Let this Test be as it is. Contesters activity conforms to sun activity. Nice sun. **RU1A:** It's not important to use 3 el yagi on 80 m, because there was very low activity on band (22 stns USA, 3 stns JA). **RU4WE:** Good contest every year, tks DARC! CU 2002. **RW9SW:** Comments: Strong QRN from storm static on 80 m, excuse my bad receiving. But short pile-up on 10 m was a good surprise for me and compensate one. **S50A:** WAE contest needs some changes (looking through the eyes of very active contesters) since activity is not big enough. Watching packet spots you can find over 150 active multipliers over the weekend but most of them are on other mode or WARC bands. When new one appear on the screen the pile up become so bad that DX station usually goes away or QRT. QTCs are fine. How about 24 hours contest (Sat. 12 UTC to Sun 12 UTC)? Good luck to new manager of the contest. **S56A:** My coldest WAE since 1962, decent condx, ZL6QH on 4 bands, ZW5B with YU1RL op, P43E 10 QTC, OC K1ZZ/VY2 as 10 m VE mult + 10 QTC in 40 m QRN, K3ZO on strange 10 m late opening ... **SP2AYC/SP3GTS:** For several years, first time I took opportunity to participate full time in the WAE contest. It was great pleasure for me. See you next year. **SP4Z:** It was wonderful to some hours of relax and training. I like to get QTC very much. See you next year. **SP9NSV:** My favourite contest but I didn't have enough time. Perhaps next year ... **SP9W:** Good contest but no many times. **SQ4NR:** Because of my software brake-down 8 QSOs and few QTC were deleted. I'm sorry! Tnx fer nice contest: It was my first WAE. I'm 19 and have got my licence in November 1999. Tnx fer new ones and a lot of fun. **T9/JR7HOD:** Different country stns could be heard, comparing in JA. **T94KW:** This is great contest but I work very slow with my tiny straight key. **UA1-143-1:** Difficult but interesting contest! **UA6LAM:** I love WAE. **UT8T:** It is very difficult to work in competitions on low power. It is necessary to work only on search. And everyone give back QTC when poorly hearing station, which aska QTC. Before meeting in 2002. **UZ7U:** I very much regret, that has accepted the decision to use K1EA program in WAE Contest and wrote down QTC without a paper. More than 40 % QTC were lost, after I have found out my mistake. Nevertheless, the game is the game. **VK2APK:** This was my 533rd contest. 10 m was dead for a long time and it seemed I would not make any contact on that band.

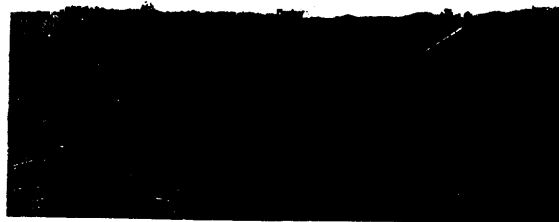
Checklogs

Many thanks to the following stations submitting checklogs:

4Z5FL/M, 5B4/R3CC, 7S5C, 9A3QB, CE5GO, DH5MM, DH9SBL, DL1DTC, DL5NA, DL7VMM, DL7VRG, DL8UCC, DL8UGF, EA3BJM, EA8/DH5JG, EA8BXQ, EA8ZZ, IICOB, IK3XTY, K4BP, LZ4UU, MW5EPA, N7ZG, PY3AJB, PY3MHZ, RA1QDP, RA3DPD, RA4UAT, RJ9J, RT9W, RU9UG, RZ9WXW, SM4XIH, SP1DMD, SP5BNB, SP6CES, SP6IEQ, SP6NVK, SP9CVY, SP9GFL, TF3VS, UA9MMO, UU7J, W3FQE, W8BAJ, W9LYN, YN4SU, YO6ADW, YO8BPK, YO9FYP



Franz, DK1II aka ZL2III, operated from ZL6QH during WAEDC-CW and -SSB



The beautiful location of CQ9K. The eight Ops took top SSB honors outside Europe in the Multi-Single category

(continued from page 1)

New Rules for 2002

Watch out, new rules! The Low Power competition will be happy! Also, Packet-Radio haters now have a chance to have their call-sign stand out! Operators still using paper and pencil, please use the new log sheets available from the WAEDC Web site or on request from the Contest Manager!

Log Submission

We encourage you to submit computer logs as it makes your and our lives a lot easier. The major contest software authors have been contacted regarding WAEDC the rule changes well in advance and a special Cabrillo file format is under works to ease up the log processing a conversion process.

We ask you for an electronic log if you are using a computer to log contacts. Please do not send a computer printout, please send a disk or an E-Mail message.



TA3J at his station – always an interesting Multiplier for European stations

E-Mail logs are automatically confirmed by our log robot software. Please be sure to watch out for a confirmation message from the robot and save it for later reference. If you don't receive a confirmation message, your log was not received. There is nothing we can do about this.

The data formats we can handle easily are CT (by K1EA) and TR (by N6TR) generated ASCII files. Also QW (by DL4MFM), RTTY (by WF1B), Writelog (by W5XD), RCKlog (DL4RCK) can be processed if you send ASCII files. We do not have each of these software packages available but we have software to decode their output files, and that is why we are asking for ASCII. A benefit of ASCII is that you can look into the file and make sure everything is included before you send it away.

Please remember that if you want your QTCs to count, you will have to send them along! Many times, QTCs are claimed in the summary sheet but the appropriate file is left out. This was the major trouble in the 2001 log processing job.

Be careful when entering QTCs after the contest as the times and bands must match the times and bands where the QTCs were actually exchanged. This was the second major trouble.

Thirdly, please make sure you have indicated your category, club information, full name and postal address (needed for mailing awards!) on the summary sheet.

Now let's go to some detailed instructions.

CT: For EU stations, CT generates three files .ALL, .QLG and .SUM. These are the files we want. For DX stations: the .ALL file contains all the QTC information we want if it is generated correctly (say WRITELOG in the same directory where the .QTC file is located). So we need only .ALL and .SUM. Rename the files to call.ALL, call.QLG (EU stations) and call.SUM.

TR: Use POST.EXE and press P to generate the files. Rename the files with your call-sign after the contest. We want your call.DAT, call.QTC and call.SUM file.

WriteLog: To create the log file, use the function „Save as Type“ from the File menu and select „File version of print chronological“. Give the file a name like call.LOG. Additionally, create a summary sheet, call.SUM. Finally, create the QTC report with the function „Save QTC report“. Name the file call.QTC. Send these three files to us.

QW: To create a chronological all band log, use F3 and then the function „BIN to ASCII“. This generates a single ASCII file which is what we want (together with the summary).

RCKLog: Use Contest/Generate Report. This will create the needed files. Rename the files and send to us call.ALL, call.QTC and call.SUM.

For all other software: Please send us fixed column ASCII files (this is the type of ASCII file that you can easily import into Excel). Make sure all the necessary information is included.

When the new Cabrillo format for the WAEDC contest is available, (this can only be true for software released by mid-2002 and after) make sure that the file contains QSO as well as QTC data.

Several software packages (like YPlot by VE6YP, or PC-Profilog by DL1HJS) alternatively allow creating STF files, which is the DARC-internal platform for all log checking activities. STF is also acceptable.

Please see the WAEDC Web Site for additional information. When in doubt, please contact me before sending in your log.



Wilbert, ZL2BSJ, another OP at ZL6QH

WAEDC-Web-Site

For additional information, please check out the WAEDC Web Site at <http://www.waedc.de>.

Results from all WAEDC contests and also the DJDC contests from 1936-1938 are/will be available in PDF format. A new country-by-country all-time record list will be available soon.

Hope to see you again in the 2002 contest!

Ben, DL6RAI
WAE-DX-Contest Manager



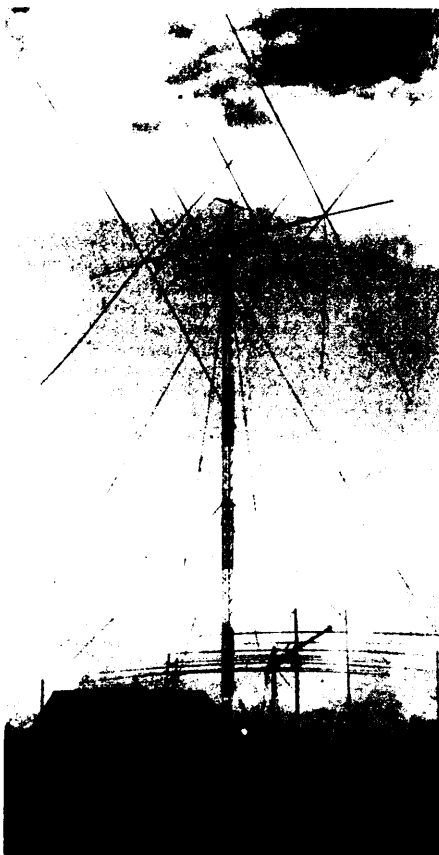
The KC1XX Multi-Multi station is a regular in the WAEDC contests. KC1XX at the 10 m station in the foreground, KM3T in the middle (15 m) and K1GQ running 20 meters. Not shown in the picture: K1EA

few QSOs but great fun. **N2WK**: Great contest. QTC handling is enjoyable switch from other events. **N4BP**: First time ever in any RTTY contest, FUN stuff! **N5JR**: The combination of Writelog/RTTY worked flawlessly. I started out just to work HKØGU for a new one and then got caught up in the contest. Finally figured out how to send/receive QTCs toward the end of the contest. **OK2-9329**: Very good Contest and perfect DX and EU operators. See you next year again friends. **ON4AME**: nice contest, almost doubling my score from last year, but I have missing lot of the old friends. tnx to all who worked me and change QTCs **ONL383**: A very exciting contest like usual but the condx were not exceptional on the low bands. Always more activity every year. See you next year! **OQ1Z**: Nice contest but we need to work on those QTCs. **PAØEHF**: My intention

was to work Gerd, DL7VOG on San Andres Island, but I got more and more in the mood for the contest. **RW9SW**: It's my 10-th WAEDC (2nd RTTY). I was in top-ten CW four times, once SSB and hope now for RTTY. **S56A**: I used Writelog for the first time and enjoyed online Internet. **SM6SRW**: One of my favorite contests. GL and see you all next year ... **SM7BJW**: First time I have entered this contest and had a great time but could have done better. Wasn't prepared to handle QTCs. **SP2BAS**: Power Output 7 Watts. **SP5ZCC**: First time in WAE RTTY. A lot of fun, for sure we'll participate in WAE 2002! Thanks to the organizers. **UR5FCM**: This contest is better from cw/ssb hi I have many qso's at 10 m band. It's my second contest WAEDC rtty mode. **UT9F**: Thanks for the nice contest this year! Many stations! Thanks for all who call our call and help to build new

record of the contest! We have some problems with software for a few of hours. Thanks and hope to see all next year (years)!!! **VE3BUC**: Sometimes everything goes just right. The propagation is good, the equipment functions properly and the antennas do their job. This year the WAE RTTY contest was better than anything I have done in any WAE contest. In terms of Qs and score this one is my personal record. It felt like I was operating a much bigger station. This contest even exceeded my Qs of the recent CQWW Rtty contest from the same station. It's not often I can run stations in a contest from this station but this year was an exception. Thanks to everyone for answering my calls. **VE3UWC**: Weekend all planned and the radio to go. Antenna would not tune 1 hour prior to the start and was found to be U/S. Had a great time listening in! **W4UEF**: Mani thanks for

the contest sponsors. Being a traffic handler, QTC enhanced my fun. **W9HLY**: I inadvertently bumped the keyboard putting me on a different band and not realizing it. I made a couple contacts which were in violation of the 10 minute rule. Enjoyable contest. Only wish conditions had been a bit better. 10 and 15 were soft with signal levels below normal. QTC? That's a different animal. **WD9GMK**: First time in the contest and loved sending and receiving QTCs. **WN1OTV**: Not much time to contest (preparing for winter in northern Maine), and band conditions were again lacking at times. Lots of fun es cu next year, QTC! **YU1KT**: 2 QTC RECIEVED BUT HOLLOW DATOTECA... sri **Z3IGX**: Another experience for my daughter and son on RTTY. They like this mode.



UA9AM's antenna farm



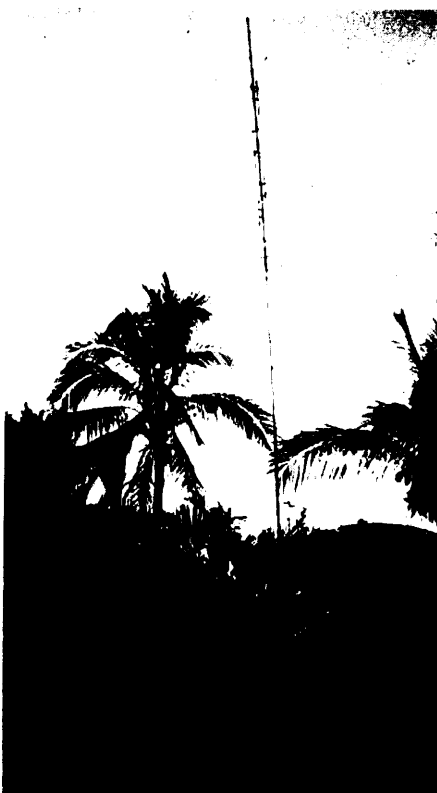
High spirits at DFØHQ: Falk, DK7YY comes up with the champagne



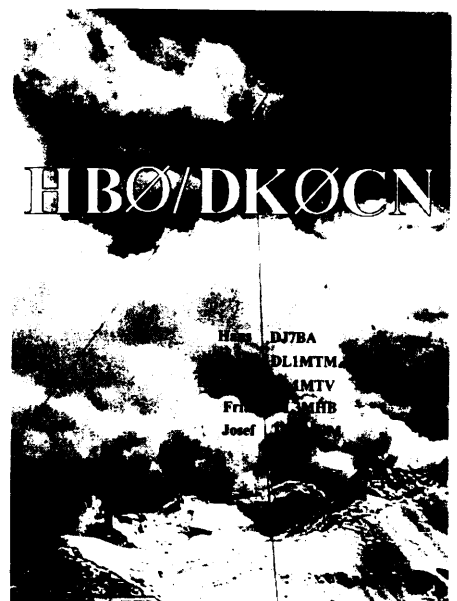
Yuri, UA9AM, #2 in CW from UA9, and #1 in SSB and first in Asia



JY8TE World #1 outside EU M/S on CW. Left: Hal, JY8TE/JO1BMV. Right: Koji, JY9NX/JM1CAX



FR5FD's antenna. It does not need much to draw a good pile up in a rare location



The Augsburg local division of the DARC made this special EU multiplier available in the CW contest